			/	ATTENDED COVER AND COED			
CORM PTO-1390 (Modified)  U.S. DEPARTME—OF COMMERCE PATENT AND TRADEMARK OFFICE REV 11-98)  ATT VEY'S DOCKET NUMBER REV 11-98)							
TRANSIVITIAL CETTER TO THE OWIED STATES			PQC-199US				
DESIGNATED/ELECTED OFFICE (DO/EO/US)  U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.							
CONCERNING A FILING UNDER 35 U.S.C. 371							
NTERN		ONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED			
CITI E C		CT/US98/10070	15 May 1998 (15.05.98)	None			
			IDE/OXYGEN BRIGHTENING OF	CHEMICAL AND MIXED WASTE			
PULPS	S						
		(S) FOR DO/EO/US					
		Cimothy D.					
		, Raymond C.					
Applica	nt h	erewith submits to the United Sta	ates Designated/Elected Office (DO/EO/US) t	he following items and other information:			
1. [			tems concerning a filing under 35 U.S.C. 371				
2.	X	_	<b>UENT</b> submission of items concerning a filing	<del>*</del>			
3. [		This is an express request to beg	in national examination procedures (35 U.S.C of the applicable time limit set in 35 U.S.C.	C. 371(f)) at any time rather than delay 371(b) and PCT Articles 22 and 39(1).			
4. [				2 19th month from the earliest claimed priority date.			
		• •	ication as filed (35 U.S.C. 371 (c) (2))	• •			
			(required only if not transmitted by the Inter	rnational Bureau).			
		b.   has been transmitted by	y the International Bureau.				
		c. $\square$ is not required, as the a	application was filed in the United States Rec	eiving Office (RO/US).			
6. [		A translation of the International Application into English (35 U.S.C. 371(c)(2)).					
7. [		A copy of the International Search Report (PCT/ISA/210).					
8. [		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))					
	a. $\square$ are transmitted herewith (required only if not transmitted by the International Bureau).						
	b.  have been transmitted by the International Bureau.						
		-	owever, the time limit for making such amend	lments has NOT expired.			
	_	d. have not been made and will not be made.					
	∐ <b>⊠</b>	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).  A copy of the International Preliminary Examination Report (PCT/IPEA/409).					
12.	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).						
Iter	ns 1	3 to 20 below concern documen	t(s) or information included:				
13. i		An Information Disclosure State	ement under 37 CFR 1.97 and 1.98.				
14.**	$\times$	•	ording. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.			
15. l		A FIRST preliminary amendme					
16.		A SECOND or SUBSEQUENT	preliminary amendment.				
		A substitute specification.					
		A change of power of attorney and/or address letter.					
	X	Certificate of Mailing by Expres	s Mail				
20.	×	Other items or information:	ID I C. ID CAME	Date de la constant d			
		* Enclosed are two (2) execute	d Declarations and Powers of Attorney For	r Patent Application.			
	** Enclosed are two (2) Assignments (the Assignment of the above-identified application from Timothy D. Evans to National Silicates Partnership, and the Assignment of the above-identified application from Raymond C. Francis to The Research Foundation of State University of New York).						
		Copy of Notification of Missing	g Requirements.				

	100. (IF KNOWN, SEE 3 R 1.5)	PCT/US98/100		1	s docket number C-199US
		1 C1/03/3/100			
	ollowing fees are submitted:. AL FEE ( 37 CFR 1.492 (a) (1) -	(5)):		CALCULATION	S PTO USE ONLY
☐ Neither int internation	ernational preliminary examinatio al search fee (37 CFR 1.445(a)(2) tional Search Report not prepared	n fee (37 CFR 1.482) nor paid to USPTO	\$970.00		
☐ Internation USPTO bu	al preliminary examination fee (3' t Internation Search Report prepar	7 CFR 1.482) not paid to red by the EPO or JPO	\$840.00		
☐ Internation	al preliminary examination fee (3' tional search fee (37 CFR 1.445(a	7 CFR 1.482) not paid to USP1	ro		
☐ Internation but all claim	al preliminary examination fee pa ms did not satisfy provisions of PC	id to USPTO (37 CFR 1.482) CT Article 33(1)-(4)	\$670.00		
☐ Internation and all clai	al preliminary examination fee parms satisfied provisions of PCT Ar	id to USPTO (37 CFR 1.482) ticle 33(1)-(4)	\$96.00		
	ENTER APPROPRI	ATE BASIC FEE AM		\$0.00	
ourcharge of \$130 nonths from the e	.00 for furnishing the oath or declar arliest claimed priority date (37 C	eration later than $\Box$ 2 EFR 1.492 (e)).	20 ⊠ 30	\$130.00	
·CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
otal claims	- 20 =	0	x \$18.00	\$0.00	
ndependent claim	s - 3 =	0	x \$80.00	\$0.00	
Multiple Depende	nt Claims (check if applicable).			\$0.00	
		ABOVE CALCULAT		\$130.00	
Reduction of 1/2 for nust also be filed	or filing by small entity, if applica (Note 37 CFR 1.9, 1.27, 1.28) (cl	able. Verified Small Entity States if applicable).	atement	\$0.00	
		SUB	TOTAL =	\$130.00	
Processing fee of \$ nonths from the ea	130.00 for furnishing the English arliest claimed priority date (37 C	translation later than $\Box$ 2 FR 1.492 (f)).	0 □ 30 +	\$0.00	
		TOTAL NATIONAL	LFEE =	\$130.00	
ee for recording t ccompanied by an	he enclosed assignment (37 CFR appropriate cover sheet (37 CFR	1.21(h)). The assignment must 3.28, 3.31) (check if applical	ble).	\$80.00	
/2001 HINBUYEN O	0000003-09700475	TOTAL FEES ENCL	OSED =	\$210.00	
154	130.00 OP			Amount to be: refunded	\$
101	130100 UF			charged	\$
A check in	the amount of \$210.00	to cover the above fees is en	closed.		
☐ Please cha	rge my Deposit Account No.	in the amount of	f	to cover the abo	ve fees.
A duplica	te copy of this sheet is enclosed.				
★ The Comm	nissioner is hereby authorized to c	harge any fees which may be re	equired, or credit	any overpayment	
to Deposit	Account No. 18-0350	A duplicate copy of this sheet i	s enclosed.		
NOTE: Where an .137(a) or (b)) m	n appropriate time limit under 3 ust be filed and granted to resto	7 CFR 1.494 or 1.495 has not re the application to pending	t been met, a peti status.	ition to revive (37 C	FR
END ALL CORR	ESPONDENCE TO:		Phr	th	
Christopher R. I RATNER & PRI			SIGNATURE	1/	
Suite 301 One Westlakes (1	Berwyn)		Christopher 1	R. Lewis	
P.O. Box 980	······································		NAME		
Valley Forge, PA (610) 407-0700	19482-0980		36,201		
, , , , , , , , , , , , , ,			REGISTRATIC	N NUMBER	
			January 11, 2	2001	
			DATE		



## UNITED STATES L ARTMENT OF COMMERCE Patent and Trademark Office Address: ASSISTANT COMMISSIONER FOR PATENTS Washington, D.C. 20231

US APPLICATION NO.		FIRST NAMED A	PPLICANT	ATTY. DOCKE	T NO.
09/700,475	EVANS	. [	INTERNATIO	FIG.	<u>r-1990</u> 2
CHRISTOPHER R LE	WIS	5071	P	CT/US98/	10070
RATNER & PRESTIA SUITE 301 PO BOX ONE WESTLAKES (B	980	[	I.A. FILING DATE	PRIOR	ITY DATE
VALLEY FORGE PA	19482-0980	į	05/ Date mailed:	15/98 12/1:	00/00/0( 2/00

ONE WESTLAKES (BERWYN)   VALLEY FORGE PA 19482-0980		05/15/98	3	00/0
NOTIFICATION OF A DEFECTIVE OATH O	DATE MAILED: OR DECLA	PATION	12/12/	00
This application fails to contain an oath or declaration acceptable under 35 U.S in the United States of America. The period within which to correct these requaccompanying Office action.			he national nent is set	l stage in the
A new oath or declaration, identifying this application by the international appl required. The oath or declaration does not comply with 37 CFR 1.497(a) and (1)	ication numbers) in that it:	er and internation	nal filing o	date is
<ol> <li>is not executed in accordance with either 37 CFR 1.66 or 37 CFR</li> <li>does not identify the specification to which it is directed.</li> <li>does not identify the inventor(s).</li> <li>does not identify the citizenship of each inventor.</li> <li>does not state the person making the oath or declaration believes the the original and first inventor or inventors of the subject matter patent is sought.</li> </ol>		ventor or inver imed and for v	itors to	
FAILURE TO SUBMIT AN OATH OR DECLARATION IN COMPLIANCE THE TIME PERIOD SET WILL RESULT IN FAILURE TO ENTER THE NA ABANDONMENT OF THE APPLICATION.	WITH 37 CF TIONAL ST	R 1.497(a) AN AGE AND THE	D (b) WITI	HIN
Additionally, the oath or declaration does not comply with 37 CFR 1.63 in that i	it:			
1.  does not identify the city and state or city and foreign country of re	sidence or e	ach inventor.		
2. does not state that the person making the oath or declaration:				
a. has reviewed and understands the contents of the specification amended by any amendment specifically referred to in the oat	n, including h or declarat	the claims, as		
<ul> <li>acknowledges the duty to disclose information which is mate defined in 37 CFR 1.56.</li> </ul>				
does not identify the foreign application for patent or inventor's cer claimed pursuant to 37 CFR 1.55, and any foreign application havi the application on which priority is claimed, by specifying the application, and year of its filing.			s of	
does not state that the person making the oath or declaration acknown information which is material to patentability as defined in 37 CFR between the filing date of the prior application and filing date of the application which discloses and claims subject matter in addition to application (37 CFR 1.63(d)).	1.56 which	became availa	ble	
Telephone		oder 1208 Processin 1-9888 —	<b>g</b>	

FORM PCT/DO/EO/917 (September 1996)

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PEC 1 5 2000 RATNER & PRESTI

## JUNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: ASSISTANT COMMISSIONER FOR PATENTS

Box PCT Washington, D.C. 20231

POC-199US FIRST NAMED APPLICANT

5071 INTERNATIONAL REPLICATION NOS 7 1 0 0 7 0 I.A. FILLING DATE / 1 E / SPUGETY DATE (10) 00

CHRISTOPHER R LEWIS RATNER & PRESTIA SUITE 301 PO BOX 980 ONE WESTLAKES (BERWYN) VALLEY FORGE PA 19482-0980

YALLIM TA ISAGE 0500	12/12/00
	DATE MAILED:
NOTIFICATION OF MISSING DECLIDER OF THE	
NOTIFICATION OF MISSING REQUIREMENTS UNI	DER 35 U.S.C. 371 IN THE UNITED
STATES DESIGNATED/ELECTED O	FFICE (DO/EO/US)
<ol> <li>The following items have been submitted by the applicant or the IB to Office as a Designated Office (37 CFR 1.494).</li> </ol>	the United States Patent and Trademark
In Elected Office (37 CFR 1.494),	•
O.S. Basic National Fee.	-0 (100)
Copy of the international application in:	Y MINA (KLA. CIMO)
a non-English language.	
English.	1/12/01/
Translation of the international application into English.	Miss. Reg. (100.)
Sath or Declaration of inventors(s) for DO/EO/US.	<i>/•• 6</i> -
Copy of Article 19 amendments.	
Translation of Article 19 amendments into English.	
The International Preliminary Examination Report in English and	its Annexes, if any.
☐ Translation of Annexes to the International Preliminary Examinational Preliminary amendment(s) filed and	on Report into English.
Information Disclosure Statement(s) filed an	
Assignment document	<u> </u>
Power of Attorney and/or Change of Address	
☐ Substitute specification filed	
Statement Claiming Small Entity Status.	
Priority Document.	
Group of the International Search Report Grand copies of the refer	ences cited therein.
<ol><li>The following items MUST be furnished within the period set forth bel acceptance under 35 U.S.C. 371:</li></ol>	low in order to complete the requirements for
a. Translation of the application into English. Note a processing fe	
later than the appropriate 20 or 30 months from the priority date	e will be required if submitted
The current translation is defective for the reasons indicate	r Od on the evenhad blader on a co
b. Processing fee for providing the translation of the application and	dor the Annexes later that the
Lie. Can or deciaration of the inventors, in compliance with 27 CED	1.407/-> . 1.5> . 1.5
by the International application number and international filing di	ite.
on the attached PCT/DO/EO/917.	FR 1.497(a) and (b) for the reasons indicated
Surcharge for providing the cath or delever	
d. Surcharge for providing the oath or declaration later that the appriority date (37 CFR 1.492(e)).	ropriate 20 or 30 months from the
3. Additional claim focs of \$	
	intry, including any required multiple
which fees are due (37 CFR 1.492(g)). See attached PTO-875.	and lees or cancel the additional claims for
ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST MONTH FROM THE DATE OF THIS NOTICE OF BY 57 11 OF	C BE SUBMITTED WITHIN ONE
MONTH FROM THE DATE OF THIS NOTICE OR BY CONTROL OR GOVERNMENT OF THE APPLICATION, WHICHEVER IS LATER PARTY.	MONTHS FROM THE PRIODITY
DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURESULT IN ABANDONMENT.	RE TO PROPERLY RESPOND WILL
ADDIT IN ADAM DOMMENT.	The state of the s
The time period set above may be extended by Sting a position and	
The time period set above may be extended by filling a petition and fee for e CFR 1.136(a).	xtension of time under the provisions of 37
4. Translation of the Annexes MUST be submitted no later that the time pe cancelled. Note processing fee will be required if submitted leave the fee	ried set shows as the assessment in the
cancelled. Note processing fee will be required if submitted later than 30 m 5.   The Article 19 amendments are cancelled since a result of the state of the stat	conths from the principle date
	Toyided by the appropriate 20 (27 CED
1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.	of the appropriate 20 (37 CFR
Applicant is reminded these and the	·
Applicant is reminded that any communication to the United States Patent an address given in the heading and include the U.S. application as a share a share and address given in the heading and include the U.S. application as a share a sh	d Trademark Office must be mailed to the
address given in the heading and include the U.S. application no. shown abo	ve. (37 CFR 1.5)
A copy of this notice MUST be return.	ed with this response
I HOUSE OF DETECTIVE Translation	L'amont Hu der
	-Linear Processing
Telephone	(799) 306-9688
	(139) 300-200